



19)

(11) Publication number: 2000068396

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 10239340

(51) Int'l. Cl.: H01L 23/04 B23K 35/30 H01L 23/10

(22) Application date: 26.08.98

(30) Priority:

(43) Date of application publication: 03.03.00

(84) Designated contracting states:

(71) Applicant: SUMITOMO METAL MINING CO LTD

(72) Inventor: MORI NOBUMOTO

(74) Representative:

(54) COVER FOR HERMETIC SEAL**(57) Abstract:**

PROBLEM TO BE SOLVED: To provide a cover for a hermetic seal, using a more easily workable and more inexpensive brazing filler metal in consideration that the use of the cover for the hermetic seal using an expensive and brazing filler metal which is hard to be worked on obstruct the reduction of the packaging cost and obstruct increase in demand.

SOLUTION: A cover material for the hermetic seal of a covar alloy or the like is provided with one, for which Au and Sn/10% Au are laminated or Au and Sn are laminated so as to turn a brazing filler metal composition generated after heat treatment to Au/19-37% Sn or one, which is subjected to gold plating of 0.01-10.0 μm to the surface as the brazing filler metal. In this a manner, since the brazing filler metal which is more inexpensive and easily workable than the conventional products is used, the manufacturing cost for this cover becomes more inexpensive than the conventional product.

COPYRIGHT: (C)2000,JPO



The Delphion Integrated View

SEARCH | **BROWSE** | **PRODUCTS** | **INVENTOR/CLOUD** | **MY ACCOUNT** | **IP SEARCH** | **HELP**

[Log Out](#) [Order Form](#) [Work File](#) [View Cart](#)

The Delphion Integrated View

Other Views:
(No other views for this)

Title: **JP2000068396A2: COVER FOR HERMETIC SEAL**

Country: **JP Japan**
Kind: **A2 Document Laid open to Public inspection**

Inventor(s): **MORI NOBUMOTO**

Applicant/Assignee: **SUMITOMO METAL MINING CO LTD**
[News, Profiles, Stocks and More about this company](#)

Issued/Filed Dates: **March 3, 2000 / Aug. 26, 1998**

Application Number: **JP1998000239340**

IPC Class: **H01L 23/04; B23K 35/30; H01L 23/10;**

Priority Number(s): **Aug. 26, 1998 JP1998000239340**

Abstract: **Problem to be solved:** To provide a cover for a hermetic seal, using a more easily workable and more inexpensive brazing filler metal in consideration that the use of the cover for the hermetic seal using an expensive and brazing filler metal which is hard to be worked on obstruct the reduction of the packaging cost and obstruct increase in demand.

Solution: A cover material for the hermetic seal of a covar alloy or the like is provided with one, for which Au and Sn/10% Au are laminated or Au and Sn are laminated so as to turn a brazing filler metal composition generated after heat treatment to Au/19-37% Sn or one, which is subjected to gold plating of 0.01-10.0 µm to the surface as the brazing filler metal. In this a manner, since the brazing filler metal which is more inexpensive and easily workable than the conventional products is used, the manufacturing cost for this cover becomes more inexpensive than the conventional product.

COPYRIGHT: (C)2000,JPO

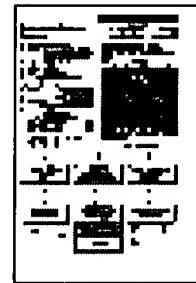
Family: [Show known family members](#)

Other Abstract Info: none

Foreign References: No patents reference this one



Nominate this
for the Gallery...



[View Image](#)

1 page

